

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000786

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B01F 5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B01F 5/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC B01F 5/02 and Keywords (nozzle and rotat+);
USPTO and Keywords (jet and mixer and "rotating nozzle")

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5620250 A (CHILCOAT ET AL.) 15 April 1997 See figures 1-6	1-3, 7-10
X	US 2592904 A (JACKSON) 15 April 1952 See figures 1-4	1-3, 7-10
X	WO 2002/024317 A (TOFTE-JORG A/S) 28 March 2002 See whole document	1-3, 7-10
X	US 4642138 A (KOYASE ET AL.) 10 February 1987 See whole document	1-3, 9-10

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
5 August 2004

Date of mailing of the international search report
12 AUG 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2797783 A (CORTIADE J M F L) 2 March 2001 See abstract and figure 1	1-3, 9-10
X	US 1156946 A (VANDERCOOK) 19 October 1915 See figures 1-2	1-3, 9-10
X	US 1073878 A (TRENT) 23 September 1913 See figures 1-2	1-3, 9-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000786

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5620250				
US	2592904				
WO	0224317	AU	89590/01	BR	0113831
		NO	20031158	US	2003137895
EP	1324818				
US	4642138	JP	60202781		
FR	2797783				
US	1156946				
US	1073878				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					